



NOAVAR POLYMER TABRIZ



**Black Masterbatches for PE
pipes VMB1347PG NPT**

Description & Applications

VMB1347 NPT is a polyolefin based masterbatch that filled with Carbon Black and an antioxidant. This product has special properties such as, optimum thermal protection and easy dilution. It is designed to be used in PE high pressure pipe industry. The special formulation and fine Carbon Black used in this material provide a variety of applications and features including excellent dispersion, perfect properties and improved UV stability. It was added 4 to 6% depending on the type and structure of pipe. It can be mixed into the base polymer absolutely homogeneous and offer their excellent mixing properties.

Properties	Test method	Value	Unit
MFI *	ISO 1133	0.45 ± 0.25	g/10min
Carbon Black content	ASTM D 1603	40 ± 2	%
Density	ISO 1183	1.15 ± 0.02	g/cm³
Carbon Black Dispersion**	BS2782 823A	Less than 3	
OIT	ASTM D 3895	20	min
Moisture	ASTM D 644	2000	ppm

* Test condition: 190 °C, 5 Kg

** On polyethylene grade EX3 containing 5-6% master batch VMB1347

Products are packaged in bags of 25 kg